



Anti-ARID4A (aa 1033-1139) polyclonal antibody (DPAB-DC2675)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a ubiquitously expressed nuclear protein. It binds directly, with several other proteins, to retinoblastoma protein (pRB) which regulates cell proliferation. pRB represses transcription by recruiting the encoded protein. This protein, in turn, serves as a bridging molecule to recruit HDACs and, in addition, provides a second HDAC-independent repression function. The encoded protein possesses transcriptional repression activity. Multiple alternatively spliced transcripts have been observed for this gene, although not all transcript variants have been fully described.
Immunogen	ARID4A (NP_002883, 1033 a.a. ~ 1139 a.a) partial recombinant protein with GST tag. The sequence is AEESQEGLCERESANGFETNVASGTCSIIVQERESREKGQKRPSDGNISGLMAKKQKRTPK RTSAAAKNEKNGTGQSSDSEDLPLVDNSSKCTPVKHLNVSKPQKLAR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ARID4A AT rich interactive domain 4A (RBP1-like) [Homo sapiens (human)]
Official Symbol	ARID4A
Synonyms	ARID4A; AT rich interactive domain 4A (RBP1-like); RBP1; RBBP1; RBP-1; RBBP-1; AT-rich interactive domain-containing protein 4A; retinoblastoma binding protein 1; retinoblastoma-binding protein 1; ARID domain-containing protein 4A;
Entrez Gene ID	5926
Protein Refseq	NP_002883
UniProt ID	A0A024R657
Chromosome Location	14q23.1
Function	DNA binding; sequence-specific DNA binding transcription factor activity;